

Amendments to the Specification

On page 78, please replace the paragraph beginning on line 1 with the following:

The adaptors were allowed to ligate to the restriction fragments for 16h at 167° C, after which the sample was diluted with distilled water in a final volume of 500 mL. Texas Red fluorescent-labeled *Eco*O primer (50-AGACTGCGTACCAATTC-30 (SEQ ID NO: 1) ; Isogen Bioscience, Maarssen, The Netherlands); and unlabeled *Mse*O primer (50-GACGATGAGTCCTGAG-30) (SEQ ID NO: 2) were used for DNA amplification in a GeneAmp PCR system 9700 thermal cycler (Perkin-Elmer) with 35 cycles: denaturation (30 s at 94° C), annealing (30 s at 65-56° C), and DNA molecule extension (60 s at 72° C). In the first 12 cycles, the annealing temperature was lowered 0.7° C per cycle. After completion of the cycle program, each sample was analyzed according to the manufacturer's instructions in a Vistra 725 automated DNA sequencer (Amersham Life Sciences). Fluorescent AFLP images were stored as TIFF files with the VISTRA 2 TIFF software (Amersham).

Please replace Figures 1, 4, 19 and 44 with the replacement sheets attached hereto.

Please insert the attached Sequence Listing after the last page of the specification.